

# Jiefeng Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11967444/publications.pdf>

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17  
papers

1,256  
citations

623574

14  
h-index

887953

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1908  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhalation cancer risk estimation of source-specific personal exposure for particulate matter-bound polycyclic aromatic hydrocarbons based on positive matrix factorization. <i>Environmental Science and Pollution Research</i> , 2019, 26, 10230-10239.	2.7	18
2	Determination of urine-derived odorous compounds in a source separation sanitation system. <i>Journal of Environmental Sciences</i> , 2017, 52, 240-249.	3.2	5
3	Degradation of cyclophosphamide and 5-fluorouracil in water using UV and UV/H <sub>2</sub> O <sub>2</sub> : Kinetics investigation, pathways and energetic analysis. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1133-1139.	3.3	49
4	Direct and indirect photodegradation pathways of cytostatic drugs under UV germicidal irradiation: Process kinetics and influences of water matrix species and oxidant dosing. <i>Journal of Hazardous Materials</i> , 2017, 324, 481-488.	6.5	46
5	Phytoextraction, phytotransformation and rhizodegradation of ibuprofen associated with <i>Typha angustifolia</i> in a horizontal subsurface flow constructed wetland. <i>Water Research</i> , 2016, 102, 294-304.	5.3	61
6	Kinetic and mechanistic investigation of azathioprine degradation in water by UV, UV/H <sub>2</sub> O <sub>2</sub> and UV/persulfate. <i>Chemical Engineering Journal</i> , 2016, 302, 526-534.	6.6	153
7	Assessment on personal exposure to particulate compounds using an empirical exposure model in an elderly community in Tianjin, China. <i>Science of the Total Environment</i> , 2016, 572, 1080-1091.	3.9	8
8	Assessing the inhalation cancer risk of particulate matter bound polycyclic aromatic hydrocarbons (PAHs) for the elderly in a retirement community of a mega city in North China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20194-20204.	2.7	22
9	Air stripping process for ammonia recovery from source-separated urine: modeling and optimization. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 2208-2217.	1.6	83
10	Application of hydroponic systems for the treatment of source-separated human urine. <i>Ecological Engineering</i> , 2015, 81, 182-191.	1.6	39
11	Residential indoor and personal PM <sub>10</sub> exposures of ambient origin based on chemical components. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014, 24, 428-436.	1.8	18
12	Mining Nutrients (N, K, P) from Urban Source-Separated Urine by Forward Osmosis Dewatering. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3386-3394.	4.6	152
13	Characterization of induced struvite formation from source-separated urine using seawater and brine as magnesium sources. <i>Chemosphere</i> , 2013, 93, 2738-2747.	4.2	117
14	Removal of cytostatic drugs from aquatic environment: A review. <i>Science of the Total Environment</i> , 2013, 445-446, 281-298.	3.9	233
15	Adaptation of urine source separation in tropical cities: Process optimization and odor mitigation. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 472-481.	0.9	32
16	Particle Exposure Assessment for Community Elderly (PEACE) in Tianjin, China: Mass concentration relationships. <i>Atmospheric Environment</i> , 2012, 49, 77-84.	1.9	14
17	Health risk assessment of personal inhalation exposure to volatile organic compounds in Tianjin, China. <i>Science of the Total Environment</i> , 2011, 409, 452-459.	3.9	206